

MAGNOLIA MARINE - BARGE "MM 170 B"

ULLAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
<b>0</b>		<b>0</b>		<b>0</b>	2688.99	<b>0</b>	2477.37	<b>0</b>	2261.87	<b>0</b>	2038.84	<b>0</b>	1815.65	<b>0</b>	1592.46	<b>0</b>	1369.27	<b>0</b>	1146.08	<b>0</b>	922.89	<b>0</b>	699.7	<b>0</b>	476.79	<b>0</b>	253.78	<b>0</b>	32.83
1/4		1/4		1/4	2685.65	1/4	2472.91	1/4	2257.27	1/4	2034.19	1/4	1811	1/4	1587.81	1/4	1364.62	1/4	1141.43	1/4	918.24	1/4	695.05	1/4	472.15	1/4	249.13	1/4	28.79
1/2		1/2		1/2	2681.55	1/2	2468.45	1/2	2252.67	1/2	2029.54	1/2	1806.35	1/2	1583.16	1/2	1359.97	1/2	1136.78	1/2	913.59	1/2	690.4	1/2	467.51	1/2	244.48	1/2	25.61
3/4		3/4		3/4	2677.46	3/4	2463.98	3/4	2248.03	3/4	2024.89	3/4	1801.7	3/4	1578.51	3/4	1355.32	3/4	1132.13	3/4	908.94	3/4	685.75	3/4	462.87	3/4	239.83	3/4	22.44
<b>1</b>		<b>1</b>		<b>1</b>	2673.37	<b>1</b>	2459.52	<b>1</b>	2243.4	<b>1</b>	2020.24	<b>1</b>	1797.05	<b>1</b>	1573.86	<b>1</b>	1350.67	<b>1</b>	1127.48	<b>1</b>	904.29	<b>1</b>	681.1	<b>1</b>	458.23	<b>1</b>	235.18	<b>1</b>	19.26
1/4		1/4		1/4	2669.28	1/4	2455.06	1/4	2238.76	1/4	2015.59	1/4	1792.4	1/4	1569.21	1/4	1346.02	1/4	1122.83	1/4	899.64	1/4	676.45	1/4	453.59	1/4	230.53	1/4	16.08
1/2		1/2		1/2	2664.82	1/2	2450.59	1/2	2234.13	1/2	2010.94	1/2	1787.75	1/2	1564.56	1/2	1341.37	1/2	1118.18	1/2	894.99	1/2	671.8	1/2	448.95	1/2	225.88	1/2	13.88
3/4		3/4		3/4	2660.36	3/4	2446.13	3/4	2229.48	3/4	2006.29	3/4	1783.1	3/4	1559.91	3/4	1336.72	3/4	1113.53	3/4	890.34	3/4	667.15	3/4	444.31	3/4	221.23	3/4	11.68
<b>2</b>		<b>2</b>		<b>2</b>	2655.89	<b>2</b>	2441.67	<b>2</b>	2224.83	<b>2</b>	2001.64	<b>2</b>	1778.45	<b>2</b>	1555.26	<b>2</b>	1332.07	<b>2</b>	1108.88	<b>2</b>	885.69	<b>2</b>	662.5	<b>2</b>	439.67	<b>2</b>	216.58	<b>2</b>	9.48
1/4		1/4		1/4	2651.43	1/4	2437.21	1/4	2220.18	1/4	1996.99	1/4	1773.8	1/4	1550.61	1/4	1327.42	1/4	1104.23	1/4	881.04	1/4	657.85	1/4	435.03	1/4	211.93	1/4	7.28
1/2		1/2		1/2	2646.97	1/2	2432.74	1/2	2215.53	1/2	1992.34	1/2	1769.15	1/2	1545.96	1/2	1322.77	1/2	1099.58	1/2	876.39	1/2	653.2	1/2	430.39	1/2	207.28	1/2	6.06
3/4		3/4		3/4	2642.5	3/4	2428.28	3/4	2210.88	3/4	1987.69	3/4	1764.5	3/4	1541.31	3/4	1318.12	3/4	1094.93	3/4	871.74	3/4	648.55	3/4	425.75	3/4	202.63	3/4	4.84
<b>3</b>		<b>3</b>		<b>3</b>	2638.04	<b>3</b>	2423.82	<b>3</b>	2206.23	<b>3</b>	1983.04	<b>3</b>	1759.85	<b>3</b>	1536.66	<b>3</b>	1313.47	<b>3</b>	1090.28	<b>3</b>	867.09	<b>3</b>	643.9	<b>3</b>	421.11	<b>3</b>	197.98	<b>3</b>	3.62
1/4		1/4		1/4	2633.58	1/4	2419.35	1/4	2201.58	1/4	1978.39	1/4	1755.2	1/4	1532.01	1/4	1308.82	1/4	1085.63	1/4	862.44	1/4	639.25	1/4	416.47	1/4	193.34	1/4	2.4
1/2		1/2		1/2	2629.11	1/2	2414.89	1/2	2196.93	1/2	1973.74	1/2	1750.55	1/2	1527.36	1/2	1304.17	1/2	1080.98	1/2	857.79	1/2	634.6	1/2	411.83	1/2	188.69	1/2	1.91
3/4		3/4		3/4	2624.65	3/4	2410.43	3/4	2192.28	3/4	1969.09	3/4	1745.9	3/4	1522.71	3/4	1299.52	3/4	1076.33	3/4	853.14	3/4	629.95	3/4	407.19	3/4	184.04	3/4	1.42
<b>4</b>		<b>4</b>		<b>4</b>	2620.19	<b>4</b>	2405.96	<b>4</b>	2187.63	<b>4</b>	1964.44	<b>4</b>	1741.25	<b>4</b>	1518.06	<b>4</b>	1294.87	<b>4</b>	1071.68	<b>4</b>	848.49	<b>4</b>	625.3	<b>4</b>	402.54	<b>4</b>	179.39	<b>4</b>	
1/4		1/4		1/4	2615.73	1/4	2401.5	1/4	2182.98	1/4	1959.79	1/4	1736.6	1/4	1513.41	1/4	1290.22	1/4	1067.03	1/4	843.84	1/4	620.65	1/4	397.9	1/4	174.74	1/4	
1/2		1/2		1/2	2611.26	1/2	2397.04	1/2	2178.33	1/2	1955.14	1/2	1731.95	1/2	1508.76	1/2	1285.57	1/2	1062.38	1/2	839.19	1/2	616.01	1/2	393.26	1/2	170.09	1/2	
3/4		3/4		3/4	2606.8	3/4	2392.58	3/4	2173.68	3/4	1950.49	3/4	1727.3	3/4	1504.11	3/4	1280.92	3/4	1057.73	3/4	834.54	3/4	611.37	3/4	388.61	3/4	165.44	3/4	
<b>5</b>		<b>5</b>		<b>5</b>	2602.34	<b>5</b>	2388.11	<b>5</b>	2169.03	<b>5</b>	1945.84	<b>5</b>	1722.65	<b>5</b>	1499.46	<b>5</b>	1276.27	<b>5</b>	1053.08	<b>5</b>	829.89	<b>5</b>	606.73	<b>5</b>	383.96	<b>5</b>	160.79	<b>5</b>	
1/4		1/4		1/4	2597.87	1/4	2383.65	1/4	2164.38	1/4	1941.19	1/4	1718	1/4	1494.81	1/4	1271.62	1/4	1048.43	1/4	825.24	1/4	602.09	1/4	379.31	1/4	156.14	1/4	
1/2		1/2		1/2	2593.41	1/2	2379.19	1/2	2159.73	1/2	1936.54	1/2	1713.35	1/2	1490.16	1/2	1266.97	1/2	1043.78	1/2	820.59	1/2	597.45	1/2	374.66	1/2	151.49	1/2	
3/4		3/4		3/4	2588.95	3/4	2374.72	3/4	2155.08	3/4	1931.89	3/4	1708.7	3/4	1485.51	3/4	1262.32	3/4	1039.13	3/4	815.94	3/4	592.81	3/4	370.01	3/4	146.84	3/4	
<b>6</b>		<b>6</b>		<b>6</b>	2584.48	<b>6</b>	2370.26	<b>6</b>	2150.43	<b>6</b>	1927.24	<b>6</b>	1704.05	<b>6</b>	1480.86	<b>6</b>	1257.67	<b>6</b>	1034.48	<b>6</b>	811.29	<b>6</b>	588.16	<b>6</b>	365.36	<b>6</b>	142.19	<b>6</b>	
1/4		1/4		1/4	2580.02	1/4	2365.8	1/4	2145.78	1/4	1922.59	1/4	1699.4	1/4	1476.21	1/4	1253.02	1/4	1029.83	1/4	806.64	1/4	583.52	1/4	360.71	1/4	137.54	1/4	
1/2		1/2		1/2	2575.56	1/2	2361.33	1/2	2141.13	1/2	1917.94	1/2	1694.75	1/2	1471.56	1/2	1248.37	1/2	1025.18	1/2	801.99	1/2	578.88	1/2	356.06	1/2	132.89	1/2	
3/4		3/4		3/4	2571.10	3/4	2356.87	3/4	2136.48	3/4	1913.29	3/4	1690.1	3/4	1466.91	3/4	1243.72	3/4	1020.53	3/4	797.34	3/4	574.24	3/4	351.41	3/4	128.25	3/4	
<b>7</b>		<b>7</b>		<b>7</b>	2566.63	<b>7</b>	2352.41	<b>7</b>	2131.83	<b>7</b>	1908.64	<b>7</b>	1685.45	<b>7</b>	1462.26	<b>7</b>	1239.07	<b>7</b>	1015.88	<b>7</b>	792.69	<b>7</b>	569.6	<b>7</b>	346.76	<b>7</b>	123.6	<b>7</b>	
1/4		1/4	2722.84	1/4	2562.17	1/4	2347.95	1/4	2127.18	1/4	1903.99	1/4	1680.8	1/4	1457.61	1/4	1234.42	1/4	1011.23	1/4	788.04	1/4	564.96	1/4	342.11	1/4	118.95	1/4	
1/2		1/2	2722.46	1/2	2557.71	1/2	2343.48	1/2	2122.53	1/2	1899.34	1/2	1676.15	1/2	1452.96	1/2	1229.77	1/2	1006.58	1/2	783.39	1/2	560.32	1/2	337.46	1/2	114.3	1/2	
3/4		3/4	2722.09	3/4	2553.24	3/4	2339	3/4	2117.88	3/4	1894.69	3/4	1671.5	3/4	1448.31	3/4	1225.12	3/4	1001.93	3/4	778.74	3/4	555.68	3/4	332.81	3/4	109.65	3/4	
<b>8</b>		<b>8</b>	2721.72	<b>8</b>	2548.78	<b>8</b>	2334.53	<b>8</b>	2113.23	<b>8</b>	1890.04	<b>8</b>	1666.85	<b>8</b>	1443.66	<b>8</b>	1220.47	<b>8</b>	997.28	<b>8</b>	774.09	<b>8</b>	551.04	<b>8</b>	328.16	<b>8</b>	105	<b>8</b>	
1/4		1/4	2721.35	1/4	2544.32	1/4	2330.05	1/4	2108.58	1/4	1885.39	1/4	1662.2	1/4	1439.01	1/4	1215.82	1/4	992.63	1/4	769.44	1/4	546.4	1/4	323.52	1/4	100.35	1/4	
1/2		1/2	2720.23	1/2	2539.85	1/2	2325.57	1/2	2103.93	1/2	1880.74	1/2	1657.55	1/2	1434.36	1/2	1211.17	1/2	987.98	1/2	764.79	1/2	541.76	1/2	318.87	1/2	95.7	1/2	
3/4		3/4	2719.12	3/4	2535.39	3/4	2321.06	3/4	2099.28	3/4	1876.09	3/4	1652.90	3/4	1429.71	3/4	1206.52	3/4	983.33	3/4	760.14	3/4	537.12	3/4	314.22	3/4	91.05	3/4	
<b>9</b>		<b>9</b>	2718	<b>9</b>	2530.93	<b>9</b>	2316.55	<b>9</b>	2094.64	<b>9</b>	1871.44	<b>9</b>	1648.25	<b>9</b>	1425.06	<b>9</b>	1201.87	<b>9</b>	978.68	<b>9</b>	755.49	<b>9</b>	532.48	<b>9</b>	309.5				

MAGNOLIA MARINE - BARGE "MM 170 B"

ULLAGE TABLE

1 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0		0	2702.32	0	2490.34	0	2273.98	0	2050.01	0	1825.85	0	1601.7	0	1377.54	0	1153.39	0	929.23	0	705.08	0	481.2	IN.	257.23	0	35.01
1/4		1/4		1/4	2698.86	1/4	2485.86	1/4	2269.36	1/4	2045.34	1/4	1821.18	1/4	1597.03	1/4	1372.87	1/4	1148.72	1/4	924.56	1/4	700.41	1/4	476.54	0	252.56	1/4	31.06
1/2		1/2		1/2	2695.13	1/2	2481.38	1/2	2264.73	1/2	2040.67	1/2	1816.51	1/2	1592.36	1/2	1368.2	1/2	1144.05	1/2	919.89	1/2	695.74	1/2	471.88	1/4	247.89	1/2	27.44
3/4		3/4		3/4	2691.11	3/4	2476.9	3/4	2260.09	3/4	2036	3/4	1811.84	3/4	1587.69	3/4	1363.53	3/4	1139.38	3/4	915.22	3/4	691.07	3/4	467.22	1/2	243.22	3/4	24.14
1		1		1	2687	1	2472.41	1	2255.44	1	2031.33	1	1807.17	1	1583.02	1	1358.86	1	1134.71	1	910.55	1	686.4	1	462.56	3/4	238.55	1	20.94
1/4		1/4		1/4	2682.85	1/4	2467.93	1/4	2250.79	1/4	2026.66	1/4	1802.5	1/4	1578.35	1/4	1354.19	1/4	1130.04	1/4	905.88	1/4	681.73	1/4	457.9	1	233.88	1/4	17.87
1/2		1/2		1/2	2678.55	1/2	2463.45	1/2	2246.13	1/2	2021.99	1/2	1797.83	1/2	1573.68	1/2	1349.52	1/2	1125.37	1/2	901.21	1/2	677.06	1/2	453.24	1/4	229.21	1/2	15.17
3/4		3/4		3/4	2674.12	3/4	2458.97	3/4	2241.47	3/4	2017.32	3/4	1793.16	3/4	1569.01	3/4	1344.85	3/4	1120.7	3/4	896.54	3/4	672.39	3/4	448.58	1/2	224.54	3/4	12.84
2		2		2	2669.64	2	2454.49	2	2236.8	2	2012.65	2	1788.49	2	1564.34	2	1340.18	2	1116.03	2	891.87	2	667.72	2	443.92	3/4	219.87	2	10.63
1/4		1/4		1/4	2665.15	1/4	2450	1/4	2232.13	1/4	2007.98	1/4	1783.82	1/4	1559.67	1/4	1335.51	1/4	1111.36	1/4	887.2	1/4	663.05	1/4	439.26	2	215.2	1/4	8.54
1/2		1/2		1/2	2660.67	1/2	2445.52	1/2	2227.46	1/2	2003.31	1/2	1779.15	1/2	1555	1/2	1330.84	1/2	1106.69	1/2	882.53	1/2	658.38	1/2	434.6	1/4	210.53	1/2	6.82
3/4		3/4		3/4	2656.19	3/4	2441.04	3/4	2222.79	3/4	1998.64	3/4	1774.48	3/4	1550.33	3/4	1326.17	3/4	1102.02	3/4	877.86	3/4	653.71	3/4	429.94	1/2	205.86	3/4	5.47
3		3		3	2651.71	3	2436.56	3	2218.12	3	1993.97	3	1769.81	3	1545.66	3	1321.5	3	1097.35	3	873.19	3	649.04	3	425.28	3/4	201.19	3	4.25
1/4		1/4		1/4	2647.22	1/4	2432.07	1/4	2213.45	1/4	1989.3	1/4	1765.14	1/4	1540.99	1/4	1316.83	1/4	1092.68	1/4	868.52	1/4	644.37	1/4	420.62	3	196.52	1/4	3.11
1/2		1/2		1/2	2642.74	1/2	2427.59	1/2	2208.78	1/2	1984.63	1/2	1760.47	1/2	1536.32	1/2	1312.16	1/2	1088.01	1/2	863.85	1/2	639.7	1/2	415.96	1/4	191.85	1/2	2.25
3/4		3/4		3/4	2638.26	3/4	2423.11	3/4	2204.11	3/4	1979.96	3/4	1755.8	3/4	1531.65	3/4	1307.49	3/4	1083.34	3/4	859.18	3/4	635.03	3/4	411.29	1/2	187.19	3/4	1.67
4		4		4	2633.78	4	2418.63	4	2199.44	4	1975.29	4	1751.13	4	1526.98	4	1302.82	4	1078.67	4	854.51	4	630.36	4	406.63	3/4	185.52	7/8	1.42
1/4		1/4		1/4	2629.3	1/4	2414.14	1/4	2194.77	1/4	1970.62	1/4	1746.46	1/4	1522.31	1/4	1298.15	1/4	1074	1/4	849.84	1/4	625.69	1/4	401.97	7/8	177.52	1/4	
1/2		1/2		1/2	2624.81	1/2	2409.66	1/2	2190.10	1/2	1965.95	1/2	1741.79	1/2	1517.64	1/2	1293.48	1/2	1069.33	1/2	845.17	1/2	621.02	1/2	397.31	1/4	173.18	1/2	
3/4		3/4		3/4	2620.33	3/4	2405.18	3/4	2185.43	3/4	1961.28	3/4	1737.12	3/4	1512.97	3/4	1288.81	3/4	1064.66	3/4	840.5	3/4	616.36	3/4	392.64	1/2	168.51	3/4	
5		5		5	2615.85	5	2400.7	5	2180.76	5	1956.61	5	1732.45	5	1508.3	5	1284.14	5	1059.99	5	835.83	5	611.70	5	387.97	3/4	163.84	5	
1/4		1/4		1/4	2611.37	1/4	2396.22	1/4	2176.09	1/4	1951.94	1/4	1727.78	1/4	1503.63	1/4	1279.47	1/4	1055.32	1/4	831.16	1/4	607.04	1/4	383.3	5	159.17	1/4	
1/2		1/2		1/2	2606.88	1/2	2391.73	1/2	2171.42	1/2	1947.27	1/2	1723.11	1/2	1498.96	1/2	1274.8	1/2	1050.65	1/2	826.49	1/2	602.38	1/2	378.63	1/4	154.5	1/2	
3/4		3/4		3/4	2602.4	3/4	2387.25	3/4	2166.75	3/4	1942.6	3/4	1718.44	3/4	1494.29	3/4	1270.13	3/4	1045.98	3/4	821.82	3/4	597.72	3/4	373.96	1/2	149.83	3/4	
6		6		6	2597.92	6	2382.77	6	2162.08	6	1937.93	6	1713.77	6	1489.62	6	1265.46	6	1041.31	6	817.15	6	593.06	6	369.29	3/4	145.16	6	
1/4		1/4		1/4	2593.44	1/4	2378.29	1/4	2157.41	1/4	1933.26	1/4	1709.1	1/4	1484.95	1/4	1260.79	1/4	1036.64	1/4	812.48	1/4	588.4	1/4	364.62	6	140.49	1/4	
1/2		1/2		1/2	2588.95	1/2	2373.8	1/2	2152.74	1/2	1928.59	1/2	1704.43	1/2	1480.28	1/2	1256.12	1/2	1031.97	1/2	807.81	1/2	583.74	1/2	359.95	1/4	135.82	1/2	
3/4		3/4		3/4	2584.47	3/4	2369.32	3/4	2148.07	3/4	1923.92	3/4	1699.76	3/4	1475.61	3/4	1251.45	3/4	1027.3	3/4	803.14	3/4	579.08	3/4	355.28	1/2	131.15	3/4	
7		7		7	2579.99	7	2364.84	7	2143.4	7	1919.25	7	1695.09	7	1470.94	7	1246.78	7	1022.63	7	798.47	7	574.42	7	350.61	3/4	126.48	7	
1/4		3/8	2734.63	1/4	2575.51	1/4	2360.36	1/4	2138.73	1/4	1914.58	1/4	1690.42	1/4	1466.27	1/4	1242.11	1/4	1017.96	1/4	793.8	1/4	569.76	1/4	345.95	7	121.81	1/4	
1/2		1/2	2734.44	1/2	2571.03	1/2	2355.87	1/2	2134.06	1/2	1909.91	1/2	1685.75	1/2	1461.6	1/2	1237.44	1/2	1013.29	1/2	789.13	1/2	565.09	1/2	341.28	1/4	117.14	1/2	
3/4		3/4	2734.07	3/4	2566.54	3/4	2351.38	3/4	2129.39	3/4	1905.24	3/4	1681.08	3/4	1456.93	3/4	1232.77	3/4	1008.62	3/4	784.46	3/4	560.43	3/4	336.61	1/2	112.48	3/4	
8		8	2733.69	8	2562.06	8	2346.89	8	2124.72	8	1900.57	8	1676.41	8	1452.26	8	1228.1	8	1003.95	8	779.79	8	555.77	8	331.94	3/4	107.81	8	
1/4		1/4	2733.23	1/4	2557.58	1/4	2342.39	1/4	2120.05	1/4	1895.90	1/4	1671.74	1/4	1447.59	1/4	1223.43	1/4	999.28	1/4	775.12	1/4	551.11	1/4	327.27	8	103.14	1/4	
1/2		1/2	2732.48	1/2	2553.1	1/2	2337.89	1/2	2115.38	1/2	1891.23	1/2	1667.07	1/2	1442.92	1/2	1218.76	1/2	994.61	1/2	770.45	1/2	546.45	1/2	322.60	1/4	98.47	1/2	
3/4		3/4	2731.45	3/4	2548.61	3/4	2333.37	3/4	2110.72	3/4	1886.56	3/4	1662.40	3/4	1438.25	3/4	1214.09	3/4	989.94	3/4	765.78	3/4	541.79	3/4	317.93	1/2	93.8	3/4	
9		9	2730.33	9	2544.13	9	2328.85	9	2106.05	9	1881.89	9	1657.73	9	1433.58	9	1209.42	9	985.27	9	761.11	9	537.13	9	313.26	3/4	89.13	9	
1/4		1/4	2729.12	1/4	2539.65	1/4	2324.32	1/4	2101.38	1/4	1877.22	1/4	1653.06	1/4	1428.91	1/4	1204.75	1/4	980.60	1/4	756.44	1/4	532.47	1/4	308.59	9	84.46	1/4	
1/2		1/2	2727.63	1/2	2535.17	1/2	2319.79	1/2	2096.71	1/2	1872.55	1/2	1648.39	1/2	1424.24	1/2	1200.08	1/2	975.93	1/2	751								

MAGNOLIA MARINE - BARGE "MM 170 B"

ULLAGE TABLE

2 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	15 FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
<b>0</b>	<b>0</b> 2941.63	<b>0</b> 2762.42	<b>0</b> 2529.41	<b>0</b> 2293.47	<b>0</b> 2056.19	<b>0</b> 1814.31	<b>0</b> 1572.33	<b>0</b> 1330.35	<b>0</b> 1088.36	<b>0</b> 846.38	<b>0</b> 604.67	<b>0</b> 363.42	<b>0</b> 121.46	<b>0</b>
1/4	1/4 2941.23	1/4 2757.57	1/4 2524.56	1/4 2288.53	1/4 2051.25	1/4 1809.27	1/4 1567.29	1/4 1325.3	1/4 1083.32	1/4 841.34	1/4 599.65	1/4 358.38	1/4 116.42	1/4
1/2	1/2 2940.82	1/2 2752.71	1/2 2519.68	1/2 2283.58	1/2 2046.21	1/2 1804.23	1/2 1562.25	1/2 1320.26	1/2 1078.28	1/2 836.3	1/2 594.63	1/2 353.33	1/2 111.38	1/2
3/4	3/4 2940.42	3/4 2747.86	3/4 2514.83	3/4 2278.64	3/4 2041.17	3/4 1799.19	3/4 1557.2	3/4 1315.22	3/4 1073.24	3/4 831.26	3/4 589.61	3/4 348.29	3/4 106.34	3/4
<b>1</b>	<b>1</b> 2939.20	<b>1</b> 2743	<b>1</b> 2509.98	<b>1</b> 2273.7	<b>1</b> 2036.13	<b>1</b> 1794.15	<b>1</b> 1552.16	<b>1</b> 1310.18	<b>1</b> 1068.2	<b>1</b> 826.22	<b>1</b> 584.59	<b>1</b> 343.25	<b>1</b> 101.29	<b>1</b>
1/4	1/4 2937.99	1/4 2738.15	1/4 2505.14	1/4 2268.75	1/4 2031.09	1/4 1789.1	1/4 1547.12	1/4 1305.14	1/4 1063.16	1/4 821.17	1/4 579.56	1/4 338.21	1/4 96.25	1/4
1/2	1/2 2936.78	1/2 2733.29	1/2 2500.26	1/2 2263.81	1/2 2026.04	1/2 1784.06	1/2 1542.08	1/2 1300.1	1/2 1058.12	1/2 816.13	1/2 574.54	1/2 333.17	1/2 91.21	1/2
3/4	3/4 2935.56	3/4 2728.44	3/4 2495.41	3/4 2258.87	3/4 2021	3/4 1779.02	3/4 1537.04	3/4 1295.06	3/4 1053.07	3/4 811.09	3/4 569.52	3/4 328.13	3/4 86.17	3/4
<b>2</b>	<b>2</b> 2933.54	<b>2</b> 2723.58	<b>2</b> 2490.56	<b>2</b> 2253.92	<b>2</b> 2015.96	<b>2</b> 1773.98	<b>2</b> 1532	<b>2</b> 1290.02	<b>2</b> 1048.03	<b>2</b> 806.05	<b>2</b> 564.5	<b>2</b> 323.09	<b>2</b> 81.13	<b>2</b>
1/4	1/4 2931.52	1/4 2718.73	1/4 2485.71	1/4 2248.98	1/4 2010.92	1/4 1768.94	1/4 1526.96	1/4 1284.97	1/4 1042.99	1/4 801.01	1/4 559.48	1/4 318.05	1/4 76.09	1/4
1/2	1/2 2929.50	1/2 2713.88	1/2 2480.83	1/2 2244.04	1/2 2005.88	1/2 1763.9	1/2 1521.91	1/2 1279.93	1/2 1037.95	1/2 795.97	1/2 554.46	1/2 313.01	1/2 71.05	1/2
3/4	3/4 2927.47	3/4 2709.02	3/4 2475.96	3/4 2239.09	3/4 2000.84	3/4 1758.81	3/4 1516.87	3/4 1274.89	3/4 1032.91	3/4 790.93	3/4 549.44	3/4 307.97	3/4 66.01	3/4
<b>3</b>	<b>3</b> 2924.64	<b>3</b> 2704.17	<b>3</b> 2471.1	<b>3</b> 2234.15	<b>3</b> 1995.80	<b>3</b> 1753.81	<b>3</b> 1511.83	<b>3</b> 1269.85	<b>3</b> 1027.87	<b>3</b> 785.89	<b>3</b> 544.42	<b>3</b> 302.93	<b>3</b> 60.97	<b>3</b>
1/4	1/4 2921.81	1/4 2699.31	1/4 2466.23	1/4 2229.21	1/4 1990.76	1/4 1748.77	1/4 1506.79	1/4 1264.81	1/4 1022.83	1/4 780.84	1/4 539.4	1/4 297.89	1/4 56.19	1/4
1/2	1/2 2918.98	1/2 2694.46	1/2 2461.33	1/2 2224.26	1/2 1985.71	1/2 1743.73	1/2 1501.75	1/2 1259.77	1/2 1017.78	1/2 775.8	1/2 534.38	1/2 292.84	1/2 51.41	1/2
3/4	3/4 2916.15	3/4 2689.6	3/4 2456.44	3/4 2219.32	3/4 1980.67	3/4 1738.69	3/4 1496.71	3/4 1254.73	3/4 1012.74	3/4 770.76	3/4 529.36	3/4 287.8	3/4 46.63	3/4
<b>4</b>	<b>4</b> 2912.51	<b>4</b> 2684.75	<b>4</b> 2451.54	<b>4</b> 2214.38	<b>4</b> 1975.63	<b>4</b> 1733.65	<b>4</b> 1491.67	<b>4</b> 1249.68	<b>4</b> 1007.7	<b>4</b> 765.72	<b>4</b> 524.34	<b>4</b> 282.76	<b>4</b> 42.36	<b>4</b>
1/4	1/4 2908.86	1/4 2679.89	1/4 2446.65	1/4 2209.43	1/4 1970.59	1/4 1728.61	1/4 1486.63	1/4 1244.64	1/4 1002.66	1/4 760.68	1/4 519.32	1/4 277.72	1/4 38.09	1/4
1/2	1/2 2905.22	1/2 2675.04	1/2 2441.72	1/2 2204.49	1/2 1965.55	1/2 1723.57	1/2 1481.58	1/2 1239.60	1/2 997.62	1/2 755.64	1/2 514.3	1/2 272.68	1/2 33.81	1/2
3/4	3/4 2901.58	3/4 2670.18	3/4 2436.79	3/4 2199.55	3/4 1960.51	3/4 1718.53	3/4 1476.54	3/4 1234.56	3/4 992.58	3/4 750.6	3/4 509.28	3/4 267.64	3/4 29.54	3/4
<b>5</b>	<b>5</b> 2897.13	<b>5</b> 2665.33	<b>5</b> 2431.86	<b>5</b> 2194.6	<b>5</b> 1955.47	<b>5</b> 1713.48	<b>5</b> 1471.5	<b>5</b> 1229.52	<b>5</b> 987.54	<b>5</b> 745.55	<b>5</b> 504.26	<b>5</b> 262.6	<b>5</b> 26.28	<b>5</b>
1/4	1/4 2892.68	1/4 2660.48	1/4 2426.93	1/4 2189.66	1/4 1950.43	1/4 1708.44	1/4 1466.46	1/4 1224.48	1/4 982.5	1/4 740.51	1/4 499.23	1/4 257.56	1/4 23.01	1/4
1/2	1/2 2888.23	1/2 2655.62	1/2 2421.99	1/2 2184.72	1/2 1945.38	1/2 1703.4	1/2 1461.42	1/2 1219.44	1/2 977.45	1/2 735.47	1/2 494.21	1/2 252.52	1/2 19.74	1/2
3/4	3/4 2883.78	3/4 2650.77	3/4 2417.05	3/4 2179.77	3/4 1940.34	3/4 1698.36	3/4 1456.38	3/4 1214.4	3/4 972.41	3/4 730.43	3/4 489.19	3/4 247.48	3/4 16.48	3/4
<b>6</b>	<b>6</b> 2878.93	<b>6</b> 2645.91	<b>6</b> 2412.11	<b>6</b> 2174.83	<b>6</b> 1935.3	<b>6</b> 1693.32	<b>6</b> 1451.34	<b>6</b> 1209.35	<b>6</b> 967.37	<b>6</b> 725.39	<b>6</b> 484.17	<b>6</b> 242.44	<b>6</b> 14.22	<b>6</b>
1/4	1/4 2874.07	1/4 2641.06	1/4 2407.16	1/4 2169.89	1/4 1930.26	1/4 1688.28	1/4 1446.3	1/4 1204.31	1/4 962.33	1/4 720.35	1/4 479.15	1/4 237.4	1/4 11.97	1/4
1/2	1/2 2869.22	1/2 2636.2	1/2 2402.22	1/2 2164.95	1/2 1925.22	1/2 1683.24	1/2 1441.25	1/2 1199.27	1/2 957.29	1/2 715.31	1/2 474.13	1/2 232.36	1/2 9.71	1/2
3/4	3/4 2864.36	3/4 2631.35	3/4 2397.28	3/4 2160	3/4 1920.18	3/4 1678.2	3/4 1436.21	3/4 1194.23	3/4 952.25	3/4 710.27	3/4 469.11	3/4 227.31	3/4 7.45	3/4
<b>7</b>	<b>7</b> 2859.51	<b>7</b> 2626.49	<b>7</b> 2392.33	<b>7</b> 2155.06	<b>7</b> 1915.14	<b>7</b> 1673.15	<b>7</b> 1431.17	<b>7</b> 1189.19	<b>7</b> 947.21	<b>7</b> 705.22	<b>7</b> 464.09	<b>7</b> 222.27	<b>7</b> 6.2	<b>7</b>
1/4	1/4 2854.66	1/4 2621.64	1/4 2387.39	1/4 2150.12	1/4 1910.1	1/4 1668.11	1/4 1426.13	1/4 1184.15	1/4 942.17	1/4 700.18	1/4 459.07	1/4 217.23	1/4 4.95	1/4
1/2	1/2 2849.8	1/2 2616.79	1/2 2382.45	1/2 2145.17	1/2 1905.05	1/2 1663.07	1/2 1421.09	1/2 1179.11	1/2 937.12	1/2 695.14	1/2 454.05	1/2 212.19	1/2 3.71	1/2
3/4	3/4 2844.95	3/4 2611.93	3/4 2377.5	3/4 2140.23	3/4 1900.01	3/4 1658.03	3/4 1416.05	3/4 1174.07	3/4 932.08	3/4 690.1	3/4 449.03	3/4 207.15	3/4 2.46	3/4
<b>8</b>	<b>8</b> 2840.09	<b>8</b> 2607.08	<b>8</b> 2372.56	<b>8</b> 2135.29	<b>8</b> 1894.97	<b>8</b> 1652.99	<b>8</b> 1411.01	<b>8</b> 1169.02	<b>8</b> 927.04	<b>8</b> 685.06	<b>8</b> 444.01	<b>8</b> 202.11	<b>8</b> 1.95	<b>8</b>
1/4	1/4 2835.24	1/4 2602.22	1/4 2367.62	1/4 2130.34	1/4 1889.93	1/4 1647.95	1/4 1405.97	1/4 1163.98	1/4 922	1/4 680.02	1/4 438.99	1/4 197.07	1/4 1.45	1/4
1/2	1/2 2830.38	1/2 2597.37	1/2 2362.67	1/2 2125.4	1/2 1884.89	1/2 1642.91	1/2 1400.92	1/2 1158.94	1/2 916.96	1/2 674.98	1/2 433.97	1/2 192.03	1/2	1/2
3/4	3/4 2825.53	3/4 2592.51	3/4 2357.73	3/4 2120.46	3/4 1879.85	3/4 1637.86	3/4 1395.88	3/4 1153.9	3/4 911.92	3/4 669.94	3/4 428.95	3/4 186.99	3/4	3/4
<b>9</b>	<b>9</b> 2820.67	<b>9</b> 2587.66	<b>9</b> 2352.79	<b>9</b> 2115.51	<b>9</b> 1874.81	<b>9</b> 1632.82	<b>9</b> 1390.84	<b>9</b> 1148.86	<b>9</b> 906.88	<b>9</b> 664.91	<b>9</b> 423.91	<b>9</b> 181.95	<b>9</b>	<b>9</b>
1/4	1/4 2815.82	1/4 2582.80	1/4 2347.84	1/4 2110.57	1/4 1869.76	1/4 1627.78	1/4 1385.80	1/4 1143.82	1/4 901.84	1/4 659.89	1/4 418.86	1/4 176.91	1/4	1/4
1/2	1/2 2810.97	1/2 2577.95	1/2 2342.9	1/2 2105.63	1/2 1864.72	1/2 1622.74	1/2 1380.76	1/2 1138.78	1/2 896.79	1/2 654.87	1/2 413.82	1/2 171.87	1/2	1/2
3/4	3/4 2806.11	3/4 2573.09	3/4 2337.96	3/4 2100.68	3/4 1859.68	3/4 1617.70	3/4 1375.72	3/4 1133.73	3/4 891.75	3/4 649.85	3/4 408.78	3/4 166.82	3/4	3/4
<b>10</b>	<b>10</b> 2801.26	<b>10</b> 2568.24	<b>10</b> 2333.01	<b>10</b> 2095.74	<b>10</b> 1854.64	<b>10</b> 1612.66	<b>10</b> 1370.68	<b>10</b> 1128.69	<b>10</b> 886.71	<b>10</b> 644.83	<b>10</b> 403.74	<b>10</b> 161.78	<b>10</b>	<b>10</b>
1/4	1/4 2796.4	1/4 2563.39	1/4 2328.07	1/4 2090.80	1/4 1849.6	1/4 1607.62	1/4 1365.63	1/4 1123.65	1/4 881.67	1/4 639.81	1/4 398.7	1/4 156.74	1/4	1/4
1/2	1/2 2791.55	1/2 2558.53	1/2 2323.13	1/2 2085.85	1/2 1844.56	1/2 1602.58	1/2 1360.59	1/2 1118.61	1/2 876.63	1/2 634.79	1/2 393.66	1/2 151.7	1/2	1/2
3/4	3/4 2786.69	3/4 2553.68	3/4 2318.18	3/4 2080.91	3/4 1839.52	3/4 1597.53	3/4 1355.55	3/4 1113.57	3/4 871.59	3/4 629.77	3/4 388.62	3/4 146.66	3/4	3/4
<b>11</b>	<b>11</b> 2781.84	<b>11</b> 2548.82	<b>11</b> 2313.24	<b>11</b> 2075.97	<b>11</b> 1834.48	<b>11</b> 1592.49	<b>11</b> 1350.51	<b>11</b> 1108.53	<b>11</b> 866.55	<b>11</b> 624.75	<b>11</b> 383.58	<b>11</b> 141.62	<b>11</b>	<b>11</b>
1/4	1/4 2776.98	1/4 2543.97	1/4 2308.30	1/4 2071.02	1/4 1829.43	1/4 1587.45	1/4 1345.47	1/4 1103.49	1/4 861.50	1/4 619.73	1/4 378.54	1/4 136.58	1/4	1/4
1/2	1/2 2772.13	1/2 2539.1	1/2 2303.35	1/2 2066.08	1/2 1824.39	1/2 1582.41	1/2 1340.43	1/2 1098.45	1/2 856.46	1/2 614.71	1/2 373.5	1/2 131.54	1/2	1/2
3/4	2942.04	3/4 2767.27	3/4 2534.25	3/4 2298.41	3/4 2061.14	3/4 1819.35	3/4 1577.37	3/4 1335.39	3/4 1093.4	3/4 851.42	3/4 609.69	3/4 368.46	3/4 126.5	3/4

CAPACITY IN: 42-GALLON BARRELS GAUGE HEIGHT: 14'-8 1/4" (GAUGE POINT LOCATED 1'-8" OFF CENTERLINE AND 1'-2" FORWARD OF AFT BULKHEAD)

\*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 170 B"

ULLAGE TABLE

2 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	15 FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
<b>0</b>	<b>0</b> 2952.39	<b>0</b> 2755.31	<b>0</b> 2521.25	<b>0</b> 2283.89	<b>0</b> 2045.24	<b>0</b> 1802.18	<b>0</b> 1559.12	<b>0</b> 1316.05	<b>0</b> 1072.99	<b>0</b> 829.93	<b>0</b> 587.22	<b>0</b> 344.81	<b>0</b> 101.77	<b>0</b>
1/4	1/4 2951.17	1/4 2750.44	1/4 2516.38	1/4 2278.96	1/4 2040.18	1/4 1797.11	1/4 1554.05	1/4 1310.99	1/4 1067.93	1/4 824.86	1/4 582.17	1/4 339.74	1/4 96.7	1/4
1/2	1/2 2949.95	1/2 2745.56	1/2 2511.48	1/2 2268.99	1/2 2035.11	1/2 1792.05	1/2 1548.99	1/2 1305.93	1/2 1062.86	1/2 819.8	1/2 577.13	1/2 334.68	1/2 91.64	1/2
3/4	3/4 2948.73	3/4 2740.68	3/4 2506.61	3/4 2268.99	3/4 2030.05	3/4 1786.99	3/4 1543.92	3/4 1300.86	3/4 1057.80	3/4 814.74	3/4 572.09	3/4 329.62	3/4 86.58	3/4
<b>1</b>	<b>1</b> 2946.7	<b>1</b> 2735.81	<b>1</b> 2501.74	<b>1</b> 2264.03	<b>1</b> 2024.99	<b>1</b> 1781.92	<b>1</b> 1538.86	<b>1</b> 1295.8	<b>1</b> 1052.74	<b>1</b> 809.67	<b>1</b> 567.05	<b>1</b> 324.55	<b>1</b> 81.51	<b>1</b>
1/4	1/4 2944.67	1/4 2730.93	1/4 2496.87	1/4 2259.06	1/4 2019.92	1/4 1776.86	1/4 1533.8	1/4 1290.73	1/4 1047.67	1/4 804.61	1/4 562	1/4 319.49	1/4 76.45	1/4
1/2	1/2 2942.64	1/2 2726.06	1/2 2491.96	1/2 2254.09	1/2 2014.86	1/2 1771.8	1/2 1528.73	1/2 1285.67	1/2 1042.61	1/2 799.55	1/2 556.96	1/2 314.43	1/2 71.39	1/2
3/4	3/4 2940.61	3/4 2721.18	3/4 2487.08	3/4 2249.13	3/4 2009.79	3/4 1766.73	3/4 1523.67	3/4 1280.61	3/4 1037.54	3/4 794.48	3/4 551.92	3/4 309.36	3/4 66.32	3/4
<b>2</b>	<b>2</b> 2937.76	<b>2</b> 2716.30	<b>2</b> 2482.19	<b>2</b> 2244.16	<b>2</b> 2004.73	<b>2</b> 1761.67	<b>2</b> 1518.61	<b>2</b> 1275.54	<b>2</b> 1032.48	<b>2</b> 789.42	<b>2</b> 546.87	<b>2</b> 304.3	<b>2</b> 61.26	<b>2</b>
1/4	1/4 2937.76	1/4 2711.43	1/4 2477.3	1/4 2239.2	1/4 1999.67	1/4 1756.6	1/4 1513.54	1/4 1270.48	1/4 1027.42	1/4 784.35	1/4 541.83	1/4 299.24	1/4 56.46	1/4
1/2	1/2 2932.07	1/2 2706.55	1/2 2472.38	1/2 2234.23	1/2 1994.6	1/2 1751.54	1/2 1508.48	1/2 1265.42	1/2 1022.35	1/2 779.29	1/2 536.79	1/2 294.17	1/2 51.66	1/2
3/4	3/4 2929.23	3/4 2701.67	3/4 2467.46	3/4 2229.27	3/4 1989.54	3/4 1746.48	3/4 1503.41	3/4 1260.35	3/4 1017.29	3/4 774.23	3/4 531.74	3/4 289.11	3/4 46.86	3/4
<b>3</b>	<b>3</b> 2925.57	<b>3</b> 2696.8	<b>3</b> 2462.54	<b>3</b> 2224.30	<b>3</b> 1984.47	<b>3</b> 1741.41	<b>3</b> 1498.35	<b>3</b> 1255.29	<b>3</b> 1012.23	<b>3</b> 769.16	<b>3</b> 526.7	<b>3</b> 284.05	<b>3</b> 42.57	<b>3</b>
1/4	1/4 2921.92	1/4 2691.92	1/4 2457.63	1/4 2219.33	1/4 1979.41	1/4 1736.35	1/4 1493.29	1/4 1250.22	1/4 1007.16	1/4 764.1	1/4 521.66	1/4 278.98	1/4 38.27	1/4
1/2	1/2 2918.26	1/2 2687.05	1/2 2452.68	1/2 2214.37	1/2 1974.35	1/2 1731.28	1/2 1488.22	1/2 1245.16	1/2 1002.1	1/2 759.04	1/2 516.61	1/2 273.92	1/2 33.98	1/2
3/4	3/4 2914.6	3/4 2682.17	3/4 2447.73	3/4 2209.4	3/4 1969.28	3/4 1726.22	3/4 1483.16	3/4 1240.1	3/4 997.03	3/4 753.97	3/4 511.57	3/4 268.86	3/4 29.68	3/4
<b>4</b>	<b>4</b> 2910.13	<b>4</b> 2677.29	<b>4</b> 2442.77	<b>4</b> 2204.44	<b>4</b> 1964.22	<b>4</b> 1721.16	<b>4</b> 1478.09	<b>4</b> 1235.03	<b>4</b> 991.97	<b>4</b> 748.91	<b>4</b> 506.53	<b>4</b> 263.79	<b>4</b> 26.4	<b>4</b>
1/4	1/4 2905.66	1/4 2672.42	1/4 2437.82	1/4 2199.47	1/4 1959.16	1/4 1716.09	1/4 1473.03	1/4 1229.97	1/4 986.91	1/4 743.84	1/4 501.49	1/4 258.73	1/4 23.12	1/4
1/2	1/2 2901.19	1/2 2667.54	1/2 2432.86	1/2 2194.51	1/2 1954.09	1/2 1711.03	1/2 1467.97	1/2 1224.9	1/2 981.84	1/2 738.78	1/2 496.44	1/2 253.67	1/2 19.84	1/2
3/4	3/4 2896.72	3/4 2662.66	3/4 2427.89	3/4 2189.54	3/4 1949.03	3/4 1705.97	3/4 1462.9	3/4 1219.84	3/4 976.78	3/4 733.72	3/4 491.4	3/4 248.6	3/4 16.56	3/4
<b>5</b>	<b>5</b> 2891.85	<b>5</b> 2657.79	<b>5</b> 2422.93	<b>5</b> 2184.57	<b>5</b> 1943.96	<b>5</b> 1700.9	<b>5</b> 1457.84	<b>5</b> 1214.78	<b>5</b> 971.71	<b>5</b> 728.65	<b>5</b> 486.36	<b>5</b> 243.54	<b>5</b> 14.29	<b>5</b>
1/4	1/4 2886.97	1/4 2652.91	1/4 2417.96	1/4 2179.61	1/4 1938.9	1/4 1695.84	1/4 1452.78	1/4 1209.71	1/4 966.65	1/4 723.59	1/4 481.31	1/4 238.48	1/4 12.02	1/4
1/2	1/2 2882.09	1/2 2648.04	1/2 2413	1/2 2174.64	1/2 1933.84	1/2 1690.77	1/2 1447.71	1/2 1204.65	1/2 961.59	1/2 718.52	1/2 476.27	1/2 233.41	1/2 9.76	1/2
3/4	3/4 2877.22	3/4 2643.16	3/4 2408.03	3/4 2169.68	3/4 1928.77	3/4 1685.71	3/4 1442.65	3/4 1199.59	3/4 956.52	3/4 713.46	3/4 471.23	3/4 228.35	3/4 7.49	3/4
<b>6</b>	<b>6</b> 2872.34	<b>6</b> 2638.28	<b>6</b> 2403.06	<b>6</b> 2164.71	<b>6</b> 1923.71	<b>6</b> 1680.65	<b>6</b> 1437.58	<b>6</b> 1194.52	<b>6</b> 951.46	<b>6</b> 708.40	<b>6</b> 466.18	<b>6</b> 223.29	<b>6</b> 6.23	<b>6</b>
1/4	1/4 2867.46	1/4 2633.41	1/4 2398.1	1/4 2159.75	1/4 1918.65	1/4 1675.58	1/4 1432.52	1/4 1189.46	1/4 946.4	1/4 703.33	1/4 461.14	1/4 218.22	1/4 4.98	1/4
1/2	1/2 2862.59	1/2 2628.53	1/2 2393.13	1/2 2154.78	1/2 1913.58	1/2 1670.52	1/2 1427.46	1/2 1184.39	1/2 941.33	1/2 698.27	1/2 456.10	1/2 213.16	1/2 3.72	1/2
3/4	3/4 2857.71	3/4 2623.65	3/4 2388.17	3/4 2149.81	3/4 1908.52	3/4 1665.46	3/4 1422.39	3/4 1179.33	3/4 936.27	3/4 693.21	3/4 451.05	3/4 208.1	3/4 2.47	3/4
<b>7</b>	<b>7</b> 2852.84	<b>7</b> 2618.78	<b>7</b> 2383.2	<b>7</b> 2144.85	<b>7</b> 1903.45	<b>7</b> 1660.39	<b>7</b> 1417.33	<b>7</b> 1174.27	<b>7</b> 931.20	<b>7</b> 688.14	<b>7</b> 446.01	<b>7</b> 203.03	<b>7</b> 1.96	<b>7</b>
1/4	1/4 2847.96	1/4 2613.9	1/4 2378.24	1/4 2139.88	1/4 1898.39	1/4 1655.33	1/4 1412.27	1/4 1169.2	1/4 926.14	1/4 683.08	1/4 440.97	1/4 197.97	1/4 1.45	1/4
1/2	1/2 2843.08	1/2 2609.03	1/2 2373.27	1/2 2134.92	1/2 1893.33	1/2 1650.26	1/2 1407.2	1/2 1164.14	1/2 921.08	1/2 678.01	1/2 435.92	1/2 192.91	1/2	1/2
3/4	3/4 2838.21	3/4 2604.15	3/4 2368.31	3/4 2129.95	3/4 1888.26	3/4 1645.2	3/4 1402.14	3/4 1159.08	3/4 916.01	3/4 672.95	3/4 430.88	3/4 187.84	3/4	3/4
<b>8</b>	<b>8</b> 2833.33	<b>8</b> 2599.27	<b>8</b> 2363.34	<b>8</b> 2124.99	<b>8</b> 1883.2	<b>8</b> 1640.14	<b>8</b> 1397.07	<b>8</b> 1154.01	<b>8</b> 910.95	<b>8</b> 667.91	<b>8</b> 425.82	<b>8</b> 182.78	<b>8</b>	<b>8</b>
1/4	1/4 2828.46	1/4 2594.40	1/4 2358.37	1/4 2120.02	1/4 1878.13	1/4 1635.07	1/4 1392.01	1/4 1148.95	1/4 905.89	1/4 662.86	1/4 420.76	1/4 177.72	1/4	1/4
1/2	1/2 2823.58	1/2 2589.52	1/2 2353.41	1/2 2115.05	1/2 1873.07	1/2 1630.01	1/2 1386.95	1/2 1143.88	1/2 900.82	1/2 657.82	1/2 415.69	1/2 172.65	1/2	1/2
3/4	3/4 2818.7	3/4 2584.65	3/4 2348.44	3/4 2110.09	3/4 1868.01	3/4 1624.94	3/4 1381.88	3/4 1138.82	3/4 895.76	3/4 652.78	3/4 410.63	3/4 167.59	3/4	3/4
<b>9</b>	<b>9</b> 2813.83	<b>9</b> 2579.77	<b>9</b> 2343.48	<b>9</b> 2105.12	<b>9</b> 1862.94	<b>9</b> 1619.88	<b>9</b> 1376.82	<b>9</b> 1133.76	<b>9</b> 890.69	<b>9</b> 647.73	<b>9</b> 405.57	<b>9</b> 162.53	<b>9</b>	<b>9</b>
1/4	1/4 2808.95	1/4 2574.89	1/4 2338.51	1/4 2100.16	1/4 1857.88	1/4 1614.82	1/4 1371.75	1/4 1128.69	1/4 885.63	1/4 642.69	1/4 400.5	1/4 157.46	1/4	1/4
1/2	1/2 2804.07	1/2 2570.02	1/2 2333.55	1/2 2095.19	1/2 1852.82	1/2 1609.75	1/2 1366.69	1/2 1123.63	1/2 880.57	1/2 637.65	1/2 395.44	1/2 152.4	1/2	1/2
3/4	3/4 2799.20	3/4 2565.14	3/4 2328.58	3/4 2090.23	3/4 1847.75	3/4 1604.69	3/4 1361.63	3/4 1118.56	3/4 875.50	3/4 632.65	3/4 390.38	3/4 147.34	3/4	3/4
<b>10</b>	<b>10</b> 2794.32	<b>10</b> 2560.26	<b>10</b> 2323.61	<b>10</b> 2085.26	<b>10</b> 1842.69	<b>10</b> 1599.63	<b>10</b> 1356.56	<b>10</b> 1113.5	<b>10</b> 870.44	<b>10</b> 627.56	<b>10</b> 385.31	<b>10</b> 142.27	<b>10</b>	<b>10</b>
1/4	1/4 2789.45	1/4 2555.39	1/4 2318.65	1/4 2080.29	1/4 1837.62	1/4 1594.56	1/4 1351.5	1/4 1108.44	1/4 865.37	1/4 622.52	1/4 380.25	1/4 137.21	1/4	1/4
1/2	1/2 2784.57	1/2 2550.5	1/2 2313.68	1/2 2075.33	1/2 1832.56	1/2 1589.5	1/2 1346.44	1/2 1103.37	1/2 860.31	1/2 617.48	1/2 375.19	1/2 132.15	1/2	1/2
3/4	2955.24	3/4 2779.69	3/4 2545.63	3/4 2308.72	3/4 2070.36	3/4 1827.5	3/4 1584.43	3/4 1341.37	3/4 1098.31	3/4 855.25	3/4 612.43	3/4 370.12	3/4 127.08	3/4
<b>11</b>	2954.83	<b>11</b> 2774.82	<b>11</b> 2540.76	<b>11</b> 2303.75	<b>11</b> 2065.4	<b>11</b> 1822.43	<b>11</b> 1579.37	<b>11</b> 1336.31	<b>11</b> 1093.25	<b>11</b> 850.18	<b>11</b> 607.39	<b>11</b> 365.06	<b>11</b> 122.02	<b>11</b>
1/4	2954.42	1/4 2769.94	1/4 2535.89	1/4 2298.79	1/4 2060.43	1/4 1817.37	1/4 1574.31	1/4 1331.24	1/4 1088.18	1/4 845.12	1/4 602.35	1/4 360	1/4 116.96	1/4
1/2	2954.02	1/2 2765.06	1/2 2530.99	1/2 2293.82	1/2 2055.37	1/2 1812.31	1/2 1569.24	1/2 1326.18	1/2 1083.12	1/2 840.06	1/2 597.3	1/2 354.93	1/2 111.89	1/2
3/4	2953.61	3/4 2760.19	3/4 2526.12	3/4 2288.85	3/4 2050.30	3/4 1807.24	3/4 1564.18	3/4 1321.12	3/4 1078.05	3/4 834.99	3/4 592.26	3/4 349.87	3/4 106.83	3/4

CAPACITY IN: 42-GALLON BARRELS GAUGE HEIGHT: 14'-7 1/4" (GAUGE POINT LOCATED 1'-6" OFF CENTERLINE AND 1'-2" FORWARD OF AFT BULKHEAD)

\*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 170 B"

ULLAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
<b>0</b>		<b>0</b>		<b>0</b>	1585.97	<b>0</b>	1447.32	<b>0</b>	1297.63	<b>0</b>	1135.43	<b>0</b>	973.23	<b>0</b>	811.04	<b>0</b>	648.84	<b>0</b>	486.64	<b>0</b>	324.91	<b>0</b>	162.87	<b>0</b>	9.98	<b>0</b>		<b>0</b>	
1/4	1/4	1/4	1583.08	1/4	1444.43	1/4	1294.25	1/4	1132.05	1/4	969.85	1/4	807.66	1/4	645.46	1/4	483.26	1/4	321.55	1/4	159.5	1/4	8.54	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1580.19	1/2	1441.54	1/2	1290.87	1/2	1128.67	1/2	966.47	1/2	804.28	1/2	642.08	1/2	479.88	1/2	318.18	1/2	156.12	1/2	7.1	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1577.3	3/4	1438.65	3/4	1287.49	3/4	1125.29	3/4	963.1	3/4	800.9	3/4	638.7	3/4	476.5	3/4	314.81	3/4	152.74	3/4	5.65	3/4	3/4	3/4	3/4	3/4	3/4
<b>1</b>		<b>1</b>		<b>1</b>	1574.41	<b>1</b>	1435.76	<b>1</b>	1284.11	<b>1</b>	1121.91	<b>1</b>	959.72	<b>1</b>	797.52	<b>1</b>	635.32	<b>1</b>	473.13	<b>1</b>	311.45	<b>1</b>	149.36	<b>1</b>	4.53	<b>1</b>		<b>1</b>	
1/4	1/4	1/4	1571.52	1/4	1432.87	1/4	1280.73	1/4	1118.53	1/4	956.34	1/4	794.14	1/4	631.94	1/4	469.75	1/4	308.08	1/4	145.98	1/4	3.73	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1568.64	1/2	1429.98	1/2	1277.35	1/2	1115.15	1/2	952.96	1/2	790.76	1/2	628.56	1/2	466.37	1/2	304.71	1/2	142.60	1/2	2.93	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1565.75	3/4	1427.09	3/4	1273.97	3/4	1111.78	3/4	949.58	3/4	787.38	3/4	625.19	3/4	462.99	3/4	301.35	3/4	139.22	3/4	2.13	3/4	3/4	3/4	3/4	3/4	3/4
<b>2</b>		<b>2</b>		<b>2</b>	1562.86	<b>2</b>	1424.21	<b>2</b>	1270.59	<b>2</b>	1108.4	<b>2</b>	946.2	<b>2</b>	784	<b>2</b>	621.81	<b>2</b>	459.61	<b>2</b>	297.98	<b>2</b>	135.84	<b>2</b>	1.57	<b>2</b>		<b>2</b>	
1/4	1/4	1/4	1559.97	1/4	1421.32	1/4	1267.21	1/4	1105.02	1/4	942.82	1/4	780.62	1/4	618.43	1/4	456.23	1/4	294.62	1/4	132.46	1/4	1.25	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1557.08	1/2	1418.43	1/2	1263.84	1/2	1101.64	1/2	939.44	1/2	777.24	1/2	615.05	1/2	452.85	1/2	291.25	1/2	129.09	1/2	1.08	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1554.19	3/4	1415.54	3/4	1260.46	3/4	1098.26	3/4	936.06	3/4	773.87	3/4	611.67	3/4	449.47	3/4	287.88	3/4	125.71	3/8		3/4	3/4	3/4	3/4	3/4	
<b>3</b>		<b>3</b>		<b>3</b>	1551.30	<b>3</b>	1412.65	<b>3</b>	1257.08	<b>3</b>	1094.88	<b>3</b>	932.68	<b>3</b>	770.49	<b>3</b>	608.29	<b>3</b>	446.1	<b>3</b>	284.51	<b>3</b>	122.33	<b>3</b>		<b>3</b>		<b>3</b>	
1/4	1/4	1/4	1548.42	1/4	1409.76	1/4	1253.70	1/4	1091.5	1/4	929.3	1/4	767.11	1/4	604.91	1/4	442.73	1/4	281.13	1/4	118.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1545.53	1/2	1406.87	1/2	1250.32	1/2	1088.12	1/2	925.93	1/2	763.35	1/2	601.53	1/2	439.37	1/2	277.75	1/2	115.57	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1542.64	3/4	1403.99	3/4	1246.94	3/4	1084.74	3/4	922.55	3/4	756.97	3/4	598.15	3/4	436	3/4	274.37	3/4	112.19	3/4		3/4	3/4	3/4	3/4	3/4	3/4
<b>4</b>		<b>4</b>		<b>4</b>	1539.75	<b>4</b>	1401.1	<b>4</b>	1243.56	<b>4</b>	1081.36	<b>4</b>	919.17	<b>4</b>	753.97	<b>4</b>	594.77	<b>4</b>	432.63	<b>4</b>	271	<b>4</b>	108.81	<b>4</b>		<b>4</b>		<b>4</b>	
1/4	1/4	1/4	1536.86	1/4	1398.21	1/4	1240.18	1/4	1077.98	1/4	915.79	1/4	753.59	1/4	591.39	1/4	429.27	1/4	267.62	1/4	105.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1533.97	1/2	1395.32	1/2	1236.8	1/2	1074.61	1/2	912.41	1/2	750.21	1/2	588.02	1/2	425.90	1/2	264.24	1/2	102.06	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1531.08	3/4	1392.43	3/4	1233.42	3/4	1071.23	3/4	909.03	3/4	746.83	3/4	584.64	3/4	422.54	3/4	260.86	3/4	98.68	3/4		3/4	3/4	3/4	3/4	3/4	3/4
<b>5</b>		<b>5</b>		<b>5</b>	1528.2	<b>5</b>	1389.54	<b>5</b>	1230.04	<b>5</b>	1067.85	<b>5</b>	905.65	<b>5</b>	743.45	<b>5</b>	581.26	<b>5</b>	419.17	<b>5</b>	257.48	<b>5</b>	95.3	<b>5</b>		<b>5</b>		<b>5</b>	
1/4	1/4	1/4	1525.31	1/4	1386.65	1/4	1226.66	1/4	1064.47	1/4	902.27	1/4	740.07	1/4	577.88	1/4	415.8	1/4	254.1	1/4	91.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1522.42	1/2	1383.77	1/2	1223.29	1/2	1061.09	1/2	898.89	1/2	736.32	1/2	574.5	1/2	412.44	1/2	250.72	1/2	88.54	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1519.53	3/4	1380.88	3/4	1219.91	3/4	1057.71	3/4	895.51	3/4	733.32	3/4	571.12	3/4	409.07	3/4	247.34	3/4	85.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4
<b>6</b>		<b>6</b>		<b>6</b>	1516.64	<b>6</b>	1377.99	<b>6</b>	1216.53	<b>6</b>	1054.33	<b>6</b>	892.13	<b>6</b>	729.94	<b>6</b>	567.74	<b>6</b>	405.7	<b>6</b>	243.97	<b>6</b>	81.78	<b>6</b>		<b>6</b>		<b>6</b>	
1/4	1/4	1/4	1513.75	1/4	1375.1	1/4	1213.15	1/4	1050.95	1/4	888.75	1/4	726.56	1/4	564.36	1/4	402.34	1/4	240.59	1/4	78.4	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1510.86	1/2	1371.97	1/2	1209.77	1/2	1047.57	1/2	885.38	1/2	723.18	1/2	560.98	1/2	398.97	1/2	237.21	1/2	75.03	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	7/8	1620.11	3/4	1507.98	3/4	1368.59	3/4	1206.39	3/4	1044.19	3/4	882	3/4	719.80	3/4	557.6	3/4	395.6	3/4	233.83	3/4	71.65	3/4		3/4	3/4	3/4	3/4	3/4
<b>7</b>		<b>7</b>	1619.96	<b>7</b>	1505.09	<b>7</b>	1365.21	<b>7</b>	1203.01	<b>7</b>	1040.81	<b>7</b>	878.62	<b>7</b>	716.42	<b>7</b>	554.22	<b>7</b>	392.24	<b>7</b>	230.45	<b>7</b>	68.27	<b>7</b>		<b>7</b>		<b>7</b>	
1/4	1/4	1/4	1619.66	1/4	1502.2	1/4	1361.83	1/4	1199.63	1/4	1037.44	1/4	875.24	1/4	713.04	1/4	550.84	1/4	388.87	1/4	227.07	1/4	64.89	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1619.36	1/2	1499.31	1/2	1358.45	1/2	1196.25	1/2	1034.06	1/2	871.86	1/2	709.66	1/2	547.47	1/2	385.51	1/2	223.69	1/2	61.51	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	1619.06	3/4	1496.42	3/4	1355.07	3/4	1192.87	3/4	1030.68	3/4	868.48	3/4	706.28	3/4	544.09	3/4	382.14	3/4	220.31	3/4	58.13	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<b>8</b>		<b>8</b>	1618.46	<b>8</b>	1493.53	<b>8</b>	1351.69	<b>8</b>	1189.49	<b>8</b>	1027.3	<b>8</b>	865.1	<b>8</b>	702.9	<b>8</b>	540.71	<b>8</b>	378.77	<b>8</b>	216.93	<b>8</b>	54.75	<b>8</b>		<b>8</b>		<b>8</b>	
1/4	1/4	1/4	1617.56	1/4	1490.64	1/4	1348.31	1/4	1186.12	1/4	1023.92	1/4	861.72	1/4	699.53	1/4	537.33	1/4	375.41	1/4	213.56	1/4	51.37	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1616.67	1/2	1487.76	1/2	1344.93	1/2	1182.74	1/2	1020.54	1/2	858.34	1/2	696.15	1/2	533.95	1/2	372.04	1/2	210.18	1/2	47.99	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	1615.77	3/4	1484.87	3/4	1341.55	3/4	1179.36	3/4	1017.16	3/4	854.96	3/4	692.77	3/4	530.57	3/4	368.67	3/4	206.8	3/4	44.62	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<b>9</b>		<b>9</b>	1614.51	<b>9</b>	1481.98	<b>9</b>	1338.18	<b>9</b>	1175.98	<b>9</b>	1013.78	<b>9</b>	851.58	<b>9</b>	689.39	<b>9</b>	527.19	<b>9</b>	365.31	<b>9</b>	203.42	<b>9</b>	41.24	<b>9</b>		<b>9</b>		<b>9</b>	
1/4	1/4	1/4	1612.88	1/4	1479.09	1/4	1334.80	1/4	1172.60	1/4	1010.40	1/4	848.21	1/4	686.01	1/4	523.81	1/4	361.94										

MAGNOLIA MARINE - BARGE "MM 170 B"

ULLAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0		0	1592.25	0	1453.11	0	1303.18	0	1140.5	0	977.82	0	815.14	0	652.46	0	489.78	0	327.56	0	165.04	0	10.72	0		0	
1/4	1/4	1/4	1589.35	1/4	1450.21	1/4	1299.79	1/4	1137.11	1/4	974.43	1/4	811.75	1/4	649.07	1/4	486.39	1/4	324.18	1/4	161.65	1/4	9.27	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1586.45	1/2	1447.32	1/2	1296.41	1/2	1133.72	1/2	971.04	1/2	808.36	1/2	645.68	1/2	483	1/2	320.8	1/2	158.26	1/2	7.82	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1583.55	3/4	1444.42	3/4	1293.02	3/4	1130.33	3/4	967.65	3/4	804.97	3/4	642.29	3/4	479.61	3/4	317.43	3/4	154.87	3/4	6.38	3/4	3/4	3/4	3/4	3/4	3/4
1		1		1	1580.66	1	1441.52	1	1289.63	1	1126.95	1	964.26	1	801.58	1	638.9	1	476.22	1	314.05	1	151.48	1	4.93	1		1	
1/4	1/4	1/4	1577.76	1/4	1438.62	1/4	1286.24	1/4	1123.56	1/4	960.87	1/4	798.19	1/4	635.51	1/4	472.83	1/4	310.67	1/4	149.09	1/4	4.13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1574.86	1/2	1435.72	1/2	1282.85	1/2	1120.17	1/2	957.49	1/2	794.8	1/2	632.12	1/2	469.44	1/2	307.3	1/2	144.7	1/2	3.33	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1571.96	3/4	1432.82	3/4	1279.46	3/4	1116.78	3/4	954.1	3/4	791.41	3/4	628.73	3/4	466.05	3/4	303.92	3/4	141.32	3/4	2.52	3/4	3/4	3/4	3/4	3/4	3/4
2		2		2	1569.06	2	1429.92	2	1276.07	2	1113.39	2	950.71	2	788.03	2	625.34	2	462.66	2	300.54	2	137.93	2	1.72	2		2	
1/4	1/4	1/4	1566.16	1/4	1427.02	1/4	1272.68	1/4	1110	1/4	947.32	1/4	784.64	1/4	621.95	1/4	459.27	1/4	297.17	1/4	134.54	1/4	1.4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1563.26	1/2	1424.13	1/2	1269.29	1/2	1106.61	1/2	943.93	1/2	781.25	1/2	618.57	1/2	455.88	1/2	293.79	1/2	131.15	1/2	1.08	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1560.36	3/4	1421.23	3/4	1265.9	3/4	1103.22	3/4	940.54	3/4	777.86	3/4	615.18	3/4	452.49	3/4	290.41	3/4	127.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3		3		3	1557.47	3	1418.33	3	1262.51	3	1099.83	3	937.15	3	774.47	3	611.79	3	449.11	3	287.04	3	124.37	3		3		3	
1/4	1/4	1/4	1554.57	1/4	1415.43	1/4	1259.12	1/4	1096.44	1/4	933.76	1/4	771.08	1/4	608.4	1/4	445.73	1/4	283.65	1/4	120.98	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1551.67	1/2	1412.53	1/2	1255.74	1/2	1093.05	1/2	930.37	1/2	767.69	1/2	605.01	1/2	442.35	1/2	280.26	1/2	117.59	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1548.77	3/4	1409.63	3/4	1252.35	3/4	1089.66	3/4	926.98	3/4	764.3	3/4	601.62	3/4	438.98	3/4	276.87	3/4	114.2	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4		4		4	1545.87	4	1406.73	4	1248.96	4	1086.28	4	923.59	4	760.91	4	598.23	4	435.6	4	273.48	4	110.82	4		4		4	
1/4	1/4	1/4	1542.97	1/4	1403.83	1/4	1245.57	1/4	1082.89	1/4	920.2	1/4	757.52	1/4	594.84	1/4	432.22	1/4	270.09	1/4	107.43	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1540.07	1/2	1400.94	1/2	1242.18	1/2	1079.5	1/2	916.82	1/2	754.13	1/2	591.45	1/2	428.85	1/2	266.71	1/2	104.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1537.17	3/4	1398.04	3/4	1238.79	3/4	1076.11	3/4	913.43	3/4	750.74	3/4	588.06	3/4	425.47	3/4	263.32	3/4	100.65	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5		5		5	1534.28	5	1395.14	5	1235.4	5	1072.72	5	910.04	5	747.36	5	584.67	5	422.09	5	259.93	5	97.26	5		5		5	
1/4	1/4	1/4	1531.38	1/4	1392.24	1/4	1232.01	1/4	1069.33	1/4	906.65	1/4	743.97	1/4	581.28	1/4	418.72	1/4	256.54	1/4	93.87	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1528.48	1/2	1389.34	1/2	1228.62	1/2	1065.94	1/2	903.26	1/2	740.58	1/2	577.9	1/2	415.34	1/2	253.15	1/2	90.48	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1525.58	3/4	1386.44	3/4	1225.23	3/4	1062.55	3/4	899.87	3/4	737.19	3/4	574.51	3/4	411.97	3/4	249.76	3/4	87.09	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6		6		6	1522.68	6	1383.54	6	1221.84	6	1059.16	6	896.48	6	733.8	6	571.12	6	408.59	6	246.37	6	83.70	6		6		6	
1/4	1/4	1/4	1519.78	1/4	1380.65	1/4	1218.45	1/4	1055.77	1/4	893.09	1/4	730.41	1/4	567.73	1/4	405.21	1/4	242.98	1/4	80.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1516.88	1/2	1377.75	1/2	1215.06	1/2	1052.38	1/2	889.7	1/2	727.02	1/2	564.34	1/2	401.84	1/2	239.59	1/2	76.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1513.99	3/4	1374.36	3/4	1211.68	3/4	1048.99	3/4	886.31	3/4	723.63	3/4	560.95	3/4	398.46	3/4	236.20	3/4	73.54	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7		7	1625.05	7	1511.09	7	1370.97	7	1208.29	7	1045.60	7	882.92	7	720.24	7	557.56	7	395.08	7	232.82	7	70.15	7		7		7	
1/4	1/4	1/4	1624.75	1/4	1508.19	1/4	1367.58	1/4	1204.9	1/4	1042.22	1/4	879.53	1/4	716.85	1/4	554.17	1/4	391.71	1/4	229.43	1/4	66.76	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1624.45	1/2	1505.29	1/2	1364.19	1/2	1201.51	1/2	1038.83	1/2	876.14	1/2	713.46	1/2	550.78	1/2	388.33	1/2	226.04	1/2	63.37	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1624.15	3/4	1502.39	3/4	1360.8	3/4	1198.12	3/4	1035.44	3/4	872.76	3/4	710.07	3/4	547.39	3/4	384.95	3/4	222.65	3/4	59.98	3/4	3/4	3/4	3/4	3/4	3/4
8		8	1623.86	8	1499.49	8	1357.41	8	1194.73	8	1032.05	8	869.37	8	706.68	8	544	8	381.58	8	219.26	8	56.59	8		8		8	
1/4	1/4	1/4	1622.95	1/4	1496.59	1/4	1354.02	1/4	1191.34	1/4	1028.66	1/4	865.98	1/4	703.3	1/4	540.61	1/4	378.20	1/4	215.87	1/4	53.2	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1622.05	1/2	1493.69	1/2	1350.63	1/2	1187.95	1/2	1025.27	1/2	862.59	1/2	699.91	1/2	537.22	1/2	374.82	1/2	212.48	1/2	49.82	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1621.15	3/4	1490.8	3/4	1347.24	3/4	1184.56	3/4	1021.88	3/4	859.20	3/4	696.52	3/4	533.84	3/4	371.45	3/4	209.09	3/4	46.43	3/4	3/4	3/4	3/4	3/4	3/4
9		9	1620.25	9	1487.9	9	1343.85	9	1181.17	9	1018.49	9	855.81	9	693.13	9	530.45	9	368.07	9	205.7	9	43.04	9		9		9	
1/4	1/4	1/4	1618.62	1/4	1485	1/4	1340.47	1/4	1177.78	1/4	1015.1	1/4	852.42	1/4	689.74	1/4	527.06	1/4	364.7	1/4	202.32	1/4	39.65	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1617	1/2	1482.1	1/2	1337.08	1/2	1174.39	1/2	1011.71	1/2	849.03	1/2	686.35	1/2	523.67	1/2	361.32	1/2	198.93	1/2	36.42	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	1615.37	3/4	1479.20	3/4	1333.69	3/4	1171.01	3/4	1008.32																		